

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 1,4-butanediol dichloroethyl ether

962241 1,4

29712 BUTANEDIOL

3404 DICHLOROETHYL

74663 ETHER

891 ETHERS

74663 ETHER

(ETHER OR ETHERS)

L1 1 1,4-BUTANEDIOL DICHLOROETHYL ETHER

(1,4 (W) BUTANEDIOL (W) DICHLOROETHYL (W) ETHER)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 284035-34-3 REGISTRY

CN 2-Propenoic acid, 2-methyl-, 1-ethylcyclopentyl ester, polymer with 1,4-bis(2-chloroethoxy)butane and (1-methylethenyl)phenol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Butane, 1,4-bis(2-chloroethoxy)-, polymer with 1-ethylcyclopentyl 2-methyl-2-propenoate and (1-methylethenyl)phenol (9CI)

CN Phenol, (1-methylethenyl)-, polymer with 1,4-bis(2-chloroethoxy)butane and 1-ethylcyclopentyl 2-methyl-2-propenoate (9CI)

OTHER NAMES:

CN **1,4-Butanediol dichloroethyl ether- α -methylhydroxystyrene-1-ethylcyclopentyl methacrylate copolymer**

MF (C11 H18 O2 . C9 H10 O . C8 H16 Cl2 O2)x

CI PMS

PCT Polyacrylic, Polyether, Polystyrene

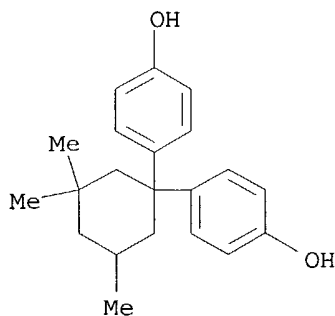
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 266308-58-1

CMF C11 H18 O2



DICTIONARY FILE UPDATES: 30 MAR 2004 HIGHEST RN 669048-54-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

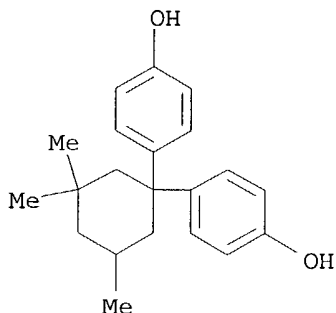
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s 1,1-dimethylpropyl
      1270174 1,1
      68570 DIMETHYLPROPYL
L1      28309 1,1-DIMETHYLPROPYL
          (1,1(W)DIMETHYLPROPYL)
```

=> d

```
L1  ANSWER 1 OF 28309  REGISTRY  COPYRIGHT 2004 ACS on STN
RN  668419-21-4  REGISTRY
CN  Benzenesulfonamide, 4-(1,1-dimethylpropyl)-N-[2-(1H-indol-3-yl)-1-
    methylethyl]- (9CI)  (CA INDEX NAME)
MF  C22 H28 N2 O2 S
SR  CA
LC  STN Files:  CAPLUS, TOXCENTER
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> s 1,1-dimethylpropyl styrene
      1270174 1,1
      68570 DIMETHYLPROPYL
      27751 STYRENE
L2      0 1,1-DIMETHYLPROPYL STYRENE
          (1,1(W)DIMETHYLPROPYL(W)STYRENE)
```

```
=> s 1,1-dimethylpropyloxystyrene
      1270174 1,1
      0 DIMETHYLPROPYLOXYSTYRENE
L3      0 1,1-DIMETHYLPROPYLOXYSTYRENE
          (1,1(W)DIMETHYLPROPYLOXYSTYRENE)
```

=> FIL HOME

SAMPLE SEARCH INITIATED 11:04:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 12 TO ITERATE

100.0% PROCESSED 12 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 33 TO 447
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L2

=> FIL HCAPLUS, CAPLUS, USPATFULL
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.42	5.20

FILE 'HCAPLUS' ENTERED AT 11:04:43 ON 23 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAPLUS' ENTERED AT 11:04:43 ON 23 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 11:04:43 ON 23 MAR 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 16
L7 0 L6

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	4.15	9.35

STN INTERNATIONAL LOGOFF AT 11:04:50 ON 23 MAR 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3 SEP 09	CA/CAPLUS records now contain indexing from 1907 to the present
NEWS	4 DEC 08	INPADOC: Legal Status data reloaded
NEWS	5 SEP 29	DISSABS now available on STN

NEWS 6 OCT 10 PCTFULL: Two new display fields added
 NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
 NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
 NEWS 9 NOV 24 MSDS-CCOHS file reloaded
 NEWS 10 DEC 08 CABA reloaded with left truncation
 NEWS 11 DEC 08 IMS file names changed
 NEWS 12 DEC 09 Experimental property data collected by CAS now available
 in REGISTRY
 NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS
 NEWS 14 DEC 17 DGENE: Two new display fields added
 NEWS 15 DEC 18 BIOTECHNO no longer updated
 NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer
 available
 NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS
 databases
 NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
 NEWS 19 DEC 22 ABI-INFORM now available on STN
 NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated
 and searchable
 NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
 CA/CAPLUS
 NEWS 22 FEB 05 German (DE) application and patent publication number format
 changes
 NEWS 23 MAR 03 MEDLINE and LMEADLINE reloaded
 NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded
 NEWS 25 MAR 03 FRANCEPAT now available on STN

NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:12:38 ON 24 MAR 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:12:47 ON 24 MAR 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 American Chemical Society (ACS)

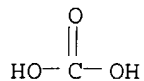
Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAR 2004 HIGHEST RN 666817-09-0
 DICTIONARY FILE UPDATES: 23 MAR 2004 HIGHEST RN 666817-09-0

CM 2

CRN 67439-84-3

CMF C8 H16 Cl2 O2

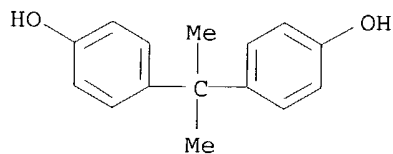


CM 3

CRN 29468-12-0

CMF C9 H10 O

CCI IDS



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> exit y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

19.91

20.12

STN INTERNATIONAL LOGOFF AT 11:13:27 ON 24 MAR 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
NEWS 5 SEP 29 DISSABS now available on STN
NEWS 6 OCT 10 PCTFULL: Two new display fields added
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

L6 QUE ABB=ON PLU=ON L5 AND L4

=> s l6 sss sam
SAMPLE SEARCH INITIATED 10:47:17 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 6 TO 266
PROJECTED ANSWERS: 1 TO 80

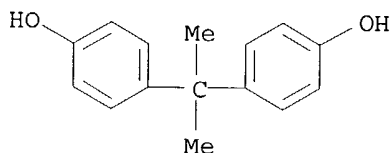
L7 1 SEA SSS SAM L5 AND L4

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 485390-63-4 REGISTRY
CN 2-Propenoic acid, 2-(trifluoromethyl)-, 2-methylbicyclo[2.2.1]hept-2-yl
ester, polymer with 1-(1,1-dimethylpropoxy)-4-ethenylbenzene and
4-ethenyl- α,α -bis(trifluoromethyl)benzenemethanol (9CI) (CA
INDEX NAME)
MF (C13 H18 O . C12 H15 F3 O2 . C11 H8 F6 O)x
CI PMS
PCT Polyacrylic, Polystyrene, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 430437-41-5
CMF C12 H15 F3 O2



CM 2

CRN 146716-59-8
CMF C13 H18 O

/ Structure 7 in file .gra /

CM 3

CRN 2386-82-5
CMF C11 H8 F6 O

/ Structure 8 in file .gra /

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:44:17 ON 31 MAR 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:44:28 ON 31 MAR 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 30 MAR 2004 HIGHEST RN 669048-54-8

DICTIONARY FILE UPDATES: 30 MAR 2004 HIGHEST RN 669048-54-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 6731-36-8/rn

L1 1 6731-36-8/RN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 6731-36-8 REGISTRY

CN Peroxide, (3,3,5-trimethylcyclohexylidene)bis[(1,1-dimethylethyl) (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Peroxide, (3,3,5-trimethylcyclohexylidene)bis[tert-butyl (6CI, 7CI, 8CI)

OTHER NAMES:

CN 1,1-Bis(tert-butyl)-3,3,5-trimethylcyclohexane peroxide

CN 1,1-Bis(tert-butyldioxy)-3,3,5-trimethylcyclohexane

CN 1,1-Bis(tert-butylperoxy)-3,3,5-trimethylcyclohexane

CN 1,1-Bis(tert-butylperoxy)-3,5,5-trimethylcyclohexane

CN 1,1-Di(t-butylperoxy)-3,3,5-trimethylcyclohexane

CN 1,1-Di-tert-butylperoxy-3,3,5-trimethylcyclohexane

CN 1,1-Di-tert-butylperoxy-3,5,5-trimethylcyclohexane

CN 3,3,5-Trimethyl-1,1-bis(tert-butylperoxy)cyclohexane

CN gem-Bis(tert-butylperoxy)-3,3,5-trimethylcyclohexane

CN gem-Di-tert-butylperoxy-3,3,5-trimethylcyclohexane

CN Interlox TMCH 40IC

CN Luperco 231G

CN Luperco 231G40
 CN Luperco 231XL
 CN Luperco 231XLP
 CN Luperox 231
 CN Luperox 231-50
 CN Luperox 231XL
 CN Lupersol 230XL
 CN Lupersol 231
 CN Lupersol L 231
 CN Perhexa 3M
 CN Perhexa 3M40
 CN Sanperox CY 1.1
 CN Trigonox 29
 CN Trigonox 29-40B-PD
 CN Trigonox 29/40
 CN Trigonox 29/40MB
 CN Trigonox 29A
 CN Trigonox 29B50
 CN Trigonox 29B75
 CN Trigonox 29B90
 CN Trigonox 29C75
 CN Tx 29
 CN TX 29B50
 CN Varox 231XL
 FS 3D CONCORD
 DR 12701-77-8, 129510-85-6, 62534-34-3, 25061-02-3, 86857-22-9
 MF C17 H34 O4
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CANCERLIT,
 CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHM, IFICDB,
 IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, NIOSHTIC, PROMT, RTECS*, TOXCENTER,
 USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

/ Structure 16 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

854 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 856 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> exit y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.61	2.82

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 11:45:28 ON 31 MAR 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x